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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/560,372

DATE: 07/27/2001

TIME: 10:42:13

Input Set : A:\61766-seq.txt

Output Set: N:\CRF3\07272001\I560372.raw

ENTERED

3 <110> APPLICANT: Tall, Alan R.
 5 <120> TITLE OF INVENTION: HUMAN ABC1 PROMOTER AND ASSAY BASED THEREON
 7 <130> FILE REFERENCE: 61766.app
 9 <140> CURRENT APPLICATION NUMBER: US 09/560,372
 C--> 10 <141> CURRENT FILING DATE: 2001-07-20
 12 <160> NUMBER OF SEQ ID NOS: 17
 14 <170> SOFTWARE: PatentIn version 3.1
 16 <210> SEQ ID NO: 1
 17 <211> LENGTH: 1197
 18 <212> TYPE: DNA
 19 <213> ORGANISM: human
 21 <400> SEQUENCE: 1
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 24 tatttagaca tatggtgtgt aggcctgcat tcctactctt gccttttttt ttgccccctcc 120
 26 agtggttttg gtagttttgc tccccctacag ccaaaggcaa acagataagt tggaggtctg 180
 28 gagtggctac ataattttac acgactgcaa ttctctggct gcacttcaca aatgtataca 240
 30 aactaaatac aagtcctctg tttttatcac agggaggctg atcaatataa tgaaattaaa 300
 32 agggggctgg tccatattgt tctgtgtttt tgtttgtttt tttctttttt tgtttttgtg 360
 34 gcctccttcc tctcaattta tgaagagaag cagtaagatg ttctctctcg gtccctctgag 420
 36 ggacctgggg agctcaggct gggaaatctcc aaggcagtag gtcgcctatc aaaaatcaaa 480
 38 gtccaggttt gtggggggaa aacaaaagca gccattacc cagaggactg tccgccttcc 540
 40 cctcacccca gcctaggcct ttgaaaggaa acaaaagaca agacaaaatg attggcgctcc 600
 42 tgagggagat tcagcctaga gctctctctc cccaatccct ccctccggct gaggaaacta 660
 44 acaaaggaaa aaaaaattgc ggaaagcagg atttagagga agcaaattcc actggtgcc 720
 46 ttggtgcg ggaacgtgga ctagagagtc tgcggcgag ccccgagccc agcgcttccc 780
 48 ggcgctctta ggccggcggg cccgggcccgg ggaaggggac gcagaccgcg gaccctaaga 840
 50 caccgtctgt accctccacc cccacccacc ccacctcccc ccaactccct agatgtgtcg 900
 52 tgggcggctg aacgtctccc gttaaagggg cgggcccggg ctccacgtgc tttctgtgta 960
 54 gtgactgaac tacataaaca gagggccggg acggggcggg gagggaggag agcacaggct 1020
 56 ttgaccgata gtaacctctg cgctcggtgc agccgaatct ataaaaggaa ctagtcccgg 1080
 58 caaaaacccc gtaattgcga gcgagagtga gtggggccgg gaccgcgaga gccgagccga 1140
 60 cccttctctc ccgggctgcg gcagggcagg gcggggagct ccgcgcacca acagagc 1197
 63 <210> SEQ ID NO: 2
 64 <211> LENGTH: 61
 65 <212> TYPE: PRT
 66 <213> ORGANISM: human
 68 <400> SEQUENCE: 2
 70 Met Ala Cys Trp Pro Gln Leu Arg Val Leu Leu Trp Lys Asn Leu Thr
 71 1 5 10 15
 74 Phe Arg Arg Arg Gln Thr Cys Gln Leu Leu Glu Val Ala Trp Pro
 75 20 25 30
 78 Leu Phe Ile Phe Leu Ile Leu Ile Ser Val Arg Leu Ser Tyr Pro Pro
 79 35 40 45
 82 Tyr Glu Gln His Glu Cys His Phe Pro Asn Lys Ala Met
 83 50 55 60
 86 <210> SEQ ID NO: 3
 87 <211> LENGTH: 40

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88 <212> TYPE: PRT
89 <213> ORGANISM: human
91 <400> SEQUENCE: 3
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97 Ile Leu Ile Ser Val Arg Leu Ser Tyr Pro Pro Tyr Glu Gln His Glu
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101 Cys His Phe Pro Asn Lys Ala Met
102          35          40
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106 <211> LENGTH: 56
107 <212> TYPE: PRT
108 <213> ORGANISM: human
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113 1          5          10          15
116 Thr Cys Gln Leu Leu Leu Glu Val Ala Trp Pro Leu Phe Ile Phe Leu
117          20          25          30
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121          35          40          45
124 Cys His Phe Pro Asn Lys Ala Met
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128 <210> SEQ ID NO: 5
129 <211> LENGTH: 44
130 <212> TYPE: PRT
131 <213> ORGANISM: human
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140          20          25          30
143 Leu Phe Ile Phe Leu Ile Leu Ile Ser Val Arg Leu
144          35          40
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148 <211> LENGTH: 55
149 <212> TYPE: PRT
150 <213> ORGANISM: rat
152 <400> SEQUENCE: 6
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155 1          5          10          15
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159          20          25          30
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163          35          40          45
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171 <211> LENGTH: 44
172 <212> TYPE: PRT

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175 <400> SEQUENCE: 7
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178 1 5 10 15
181 Leu Gln Lys Arg Lys Val Leu Val Thr Val Leu Glu Leu Phe Leu Pro
182 20 25 30
185 Leu Leu Phe Ser Gly Ile Leu Ile Trp Leu Arg Leu
186 35 40
189 <210> SEQ ID NO: 8
190 <211> LENGTH: 28
191 <212> TYPE: DNA
192 <213> ORGANISM: human
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198 <210> SEQ ID NO: 9
199 <211> LENGTH: 24
200 <212> TYPE: DNA
201 <213> ORGANISM: human
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207 <210> SEQ ID NO: 10
208 <211> LENGTH: 24
209 <212> TYPE: DNA
210 <213> ORGANISM: human
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213 taattgagc cgagagtgg tggg 24
216 <210> SEQ ID NO: 11
217 <211> LENGTH: 22
218 <212> TYPE: DNA
219 <213> ORGANISM: human
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225 <210> SEQ ID NO: 12
226 <211> LENGTH: 29
227 <212> TYPE: DNA
228 <213> ORGANISM: human
230 <400> SEQUENCE: 12
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235 <211> LENGTH: 29
236 <212> TYPE: DNA
237 <213> ORGANISM: human
239 <400> SEQUENCE: 13
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244 <211> LENGTH: 26
245 <212> TYPE: DNA
246 <213> ORGANISM: human
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| 249 aggtggcctg gcctctatatt atcttc | 26 |
| 252 <210> SEQ ID NO: 15 | |
| 253 <211> LENGTH: 24 | |
| 254 <212> TYPE: DNA | |
| 255 <213> ORGANISM: human | |
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| 258 gcctccgagc atctgagaac aggc | 24 |
| 261 <210> SEQ ID NO: 16 | |
| 262 <211> LENGTH: 20 | |
| 263 <212> TYPE: DNA | |
| 264 <213> ORGANISM: human | |
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| 271 <211> LENGTH: 20 | |
| 272 <212> TYPE: DNA | |
| 273 <213> ORGANISM: human | |
| 275 <400> SEQUENCE: 17 | |
| 276 tccaccaccc tgttgctgta | 20 |

VERIFICATION SUMMARY

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L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date